



NetVR 100 Series

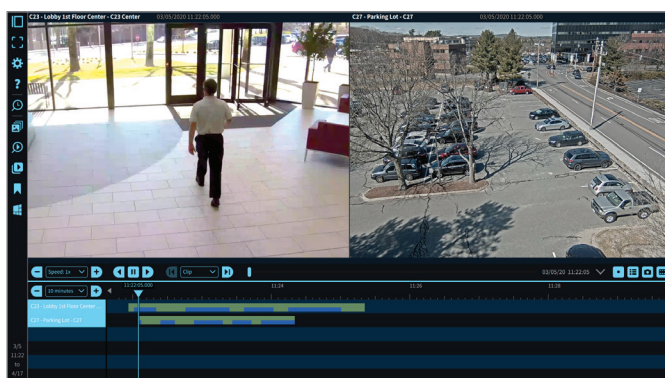
Overview

The full-featured NetVR™ video management system provides a unified access control and video surveillance experience when used in conjunction with the NetBox™ access control system and Magic Monitor® unified client.

NetVR 100 series servers support up to 64 IP cameras and up to 48TB of video storage, making them well suited for mid-sized deployments. NetVR 100 series servers are available as stand-alone systems and also tightly integrate with NetBox access control systems.

Real-time video monitoring and recorded video playback are accessible through the Magic Monitor client. By clicking on an icon in the activity log, users can instantly play back recorded video associated with an event and save it to the case library. Additional features include on-screen PTZ controls and integration of live video views into floor plan graphics.

NetVR video management systems seamlessly fit into the NetBox ecosystem, allowing the entire solution to easily scale with organizational growth. The Linux-based NetVR server appliances are plug-and-play and operate similarly to other NetBox ecosystem products, making them easy to set up, configure and maintain.



Easily search, review and catalog video with Magic Monitor Forensics.

Key Features

Video Management

- **Cameras:** Supports up to 64 IP cameras
- **Real-Time Surveillance:** Allows for live video tours and on-screen PTZ controls using the Magic Monitor client
- **Forensic Search:** Locates recorded video of interest with a single click and saves it to the case library
- **Storage:** Supports up to 48TB of internal RAID 5 or JBOD video storage
- **Storage Management:** Provides a simple user interface to add or replace storage drives in the field

System

- **IP Video Server:** Delivers real-time and recorded video to client
- **Access Control Integration:** Integrates with NetBox access control systems for unified system management and administration
- **Customizable Monitoring Displays:** Provides customization of real-time monitoring displays, with single or multi-camera views
- **Mobile App:** Allows for mobile security management using the Mobile Security Professional® app



Specifications – NetVR 100 Series

NetVR 120

NetVR 125

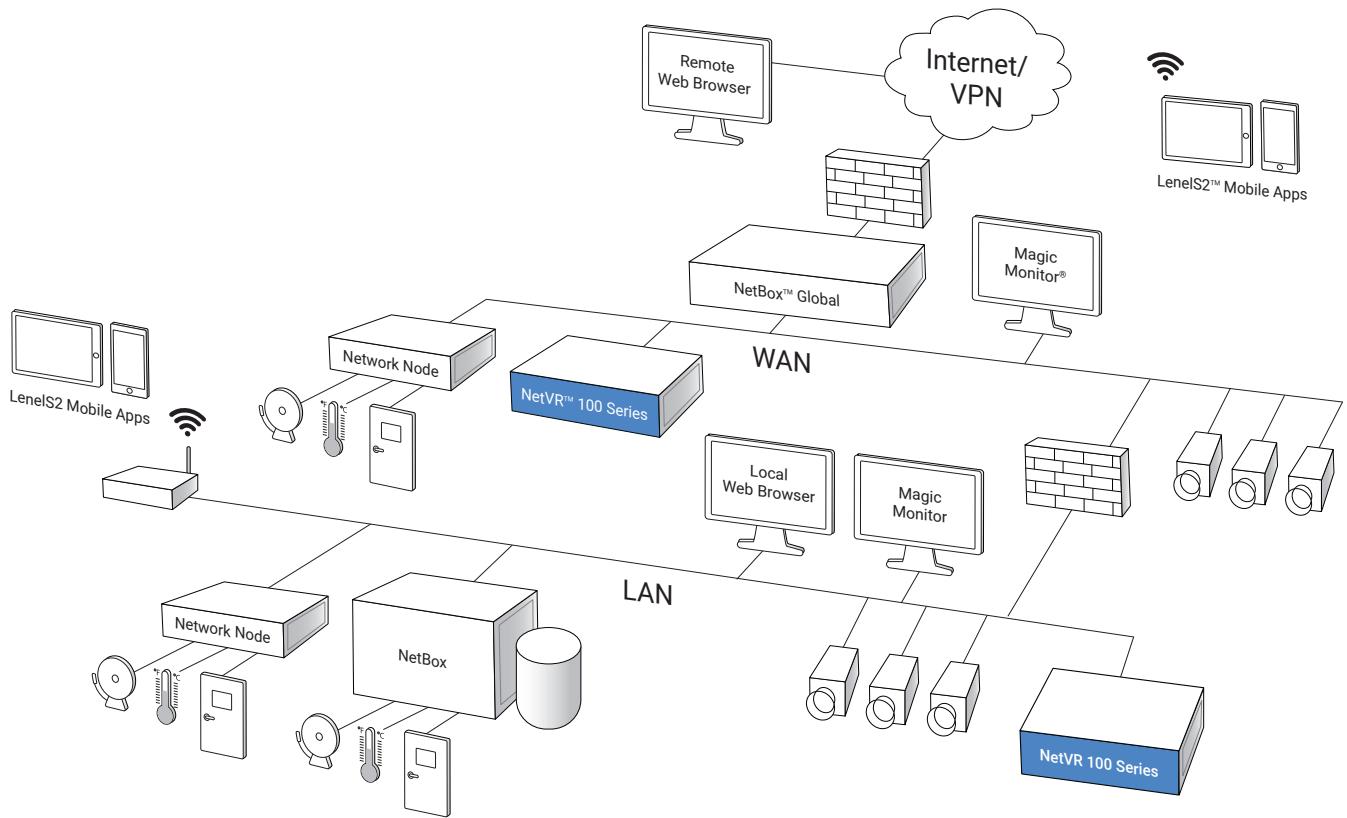
Video Management		
IP Camera Streams	Up to 64	Up to 64
IP Camera Resolution	IP camera dependent	IP camera dependent
IP Camera Frame Rate	IP camera dependent	IP camera dependent
Compression Type	H.264 or H.265 (camera dependent)	H.264 or H.265 (camera dependent)

Appliance		
Video Storage	48TB maximum capacity using 4TB, 8TB or 12TB removable 3.5in drives; 4 HDD slots	48TB maximum capacity using 4TB, 8TB, or 12TB hot swappable 3.5in drives; 4 HDD slots
Storage Configuration	JBOD	RAID 5; optional hot spare
Processor	Intel® Xeon® E	Intel® Xeon® E
Memory (RAM)	8GB	8GB
Operating System	Ubuntu Linux	Ubuntu Linux
OS/Application Storage	240GB SSD	240GB SSD
Ethernet Ports	2	2
Max Video Throughput (Aggregate Inbound)	400 Mbps	400 Mbps
MTBF	51,700 hours	45,600 hours
Chassis	Standard 1U rack mount, rail kit included	Standard 1U rack mount, rail kit included
Dimensions (H, W, D)	1.68in x 19.0in x 21.9in (43mm x 482mm x 556mm)	1.68in x 19.0in x 21.9in (43mm x 482mm x 556mm)
Weight	30 lbs (13.6 kg) maximum	30 lbs (13.6 kg) maximum
Operating Temperature	50° – 95°F (10° – 35°C)	50° – 95°F (10° – 35°C)
Storage Temperature	-40° – 149°F (-40° – 65°C)	-40° – 149°F (-40° – 65°C)
Operating Environment	Humidity 80%, non-condensing 84°F (29°C)	Humidity 80%, non-condensing 84°F (29°C)
AC Input	100 – 240 VAC, 50/60 Hz, 5A/3A	100 – 240 VAC, 50/60 Hz, 5A/3A
BTU Maximum	1,356 per hour	1,356 per hour
Regulatory Approvals	UL, CE, FCC, RoHS	UL, CE, FCC, RoHS
Warranty	3 years, hardware; 1 year, software	3 years, hardware; 1 year, software

Client Requirements		
Operating System	Windows 10 (64 bit), macOS High Sierra and later	Windows 10 (64 bit), macOS High Sierra and later
Processor	Intel Core i3 or higher	Intel Core i3 or higher
Memory (RAM)	8GB minimum	8GB minimum
Hard Drive	100GB minimum	100GB minimum

Part Numbers		
	S2-NETVR120-G2: NetVR 120 appliance	S2-NETVR125-G2: NetVR 125 appliance
	S2-NETVR-1C: Single IP camera license, expandable up to 64 IP cameras	S2-NETVR-1C: Single IP camera license, expandable up to 64 IP cameras
	S2-4TB-HDD-G2: 4TB storage hard drive	S2-4TB-HDD-G2: 4TB storage hard drive
	S2-8TB-HDD-G2: 8TB storage hard drive	S2-8TB-HDD-G2: 8TB storage hard drive
	S2-12TB-HDD-G2: 12TB storage hard drive	S2-12TB-HDD-G2: 12TB storage hard drive
		S2-RAID5: RAID 5 configuration for video management server
		S2-NETVR-RAID-HS: Hot spare configuration

Schematic Diagram - NetVR 100 Series



Schematic only. Not a network diagram.



For more information, please visit lenels2.com.

Specifications subject to change without notice.

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